

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20765	chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 16:11
S2	1808	chitosan same (carrier or support)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:06
S4	269	chitosan same collagen same alginate same (carrier or support or bead or gel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:34
S5	119	S4 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:08
S6	7	S4 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:09
S7	4	S6 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:10
S8	179	S4 and coating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:13
S9	0	S4 same (coating adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:13
S10	21	S4 and (coating adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:51
S11	9	S10 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:34
S12	119	S4 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:35

S13	7	S4 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:35
S14	5086	(chitosan or hydrogel or gel) adj5 (collagen or alginate or ECM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:59
S15	115	S14 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 14:53
S16	11	(chitosan or hydrogel or gel) adj coated adj3 (collagen or alginate or ECM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:25
S17	7	(chitosan or hydrogel) adj coated adj3 (collagen or alginate or ECM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:26
S18	6	(chitosan or hydrogel) adj coated adj2 (collagen or alginate or ECM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:27
S19	2	(collagen or alginate) adj coated adj3 (chitosan or hydrogel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 17:54
S20	4	chitosan adj3 coated adj3 collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:34
S21	2	hydrogel adj3 coated adj3 collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:34
S22	115	(cell adj culture) same chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:35
S23	50	(cell adj culture) same chitosan same (collagen or alginate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:36

S24	2	S23 and (coating adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 15:37
S25	31	S23 and coating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 16:13
S26	5	chitosan adj coated adj alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 16:14
S27	1	alginate adj coated adj chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 16:16
S28	1	("6348502").PN.	USPAT; USOCR	OR	OFF	2005/07/01 16:16
S29	352	(cell adj culture) same microcarrier	USPAT	OR	ON	2005/07/01 16:21
S30	5	S29 same alginate	USPAT	OR	ON	2005/07/01 16:22
S31	34	(cell adj culture) same carrier same coating	USPAT	OR	ON	2005/07/01 16:28
S32	1021	carrier same coating same (collagen or alginate or chitosan)	USPAT	OR	ON	2005/07/01 16:29
S33	6	S32 same (cell adj culture)	USPAT	OR	ON	2005/07/01 16:30
S34	15	makoto adj kato	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 17:57
S35	0	S34 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 17:55
S36	6	satoru adj toda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 17:57
S37	0	hirohiko adj tsuzuki	USPAT	OR	ON	2005/07/01 17:59
S38	0	hirohiko adj tsuzuki	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/01 17:59
S39	25	chitosan same (carrier or support) same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 13:48

S40	8	(cell adj culture) same membrane same chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 13:55
S41	2	coating same membrane same chitosan same alginate same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:08
S42	134	coating same chitosan same alginate same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:09
S43	0	embodiment same coating same chitosan same alginate same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:09
S44	0	embodiment same chitosan same alginate same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:09
S45	913	chitosan same alginate same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:10
S46	284	S45 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:10
S47	9	S45 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:18
S48	2	S45 same (gel adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:19
S49	145	hirohiko and tsuzuki	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:20
S50	9	S49 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 14:20

S51	38456	hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:41
S52	1017	S51 same chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:41
S53	293	S52 same collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:42
S54	515	S52 same alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:42
S55	165	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:44
S56	17	S55 and (coating or coated) adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:56
S57	1	S55 and (coating or coated) adj multilayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:46
S58	7	S55 and (multilayer adj coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 12:46
S59	253	chitosan near5 hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 15:57
S60	10	S59 near5 (core or matrix or inner or center)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 15:52
S61	8818	(collagen or alginate) near5 (layer\$3 or coat\$3 or outer\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 15:46

S62	0	S60 same S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 15:46
S63	2	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 15:46
S64	633	(424/93.7).CCLS.	USPAT; USOCR	OR	OFF	2005/07/07 16:02
S65	434	S64 and (cell adj culture)	USPAT	OR	ON	2005/07/07 16:03
S66	86	S65 and hydrogel	USPAT	OR	ON	2005/07/07 16:03
S67	23	S66 and (collagen or alginate) adj5 (layer\$3 or coat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 16:28
S68	23	S67 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 16:34
S69	6	S68 and chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 16:34
S70	11564	(cell adj culture) same (microcarrier or carrier or matrix or support)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:36
S71	1494	S70 same (coat\$5 or layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:38
S72	363	S71 same (collagen or alginate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:39
S73	15	S72 same (chitosan or hydrogel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:40
S74	11	S72 same chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 17:40

S75	3	(multi\$layered or multilayered) near5 (cell adj culture) near5 (carrier or support or microcarrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:03
S76	253	hydrogel near5 chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:04
S77	20	S76 near5 collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:05
S78	11	S77 and alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:30
S79	5	(chitosan adj coated) near1 alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:33
S80	1	(alginate adj coated) near1 chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:34
S81	2	(alginate adj coated) near5 chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:35
S82	52	alginate near5 coat\$3 near5 chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/07 18:39
S83	100	cell adj culture adj carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 15:57
S84	56420	(cell adj culture) and carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 15:52
S85	3013	(cell adj culture) same carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 15:52

S86	612	(cell adj culture) near5 carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 15:59
S87	7	S83 and chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 15:58
S88	848	chitosan near5 (coating or coat or layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:00
S89	5800	(collagen or alginate or alginic) near5 (coating or layer or coat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:01
S90	90	S89 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:46
S91	15	S84 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 16:01
S92	20	S90 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:00
S93	14	S92 and coatings	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:00
S94	769	cell adj culture adj (support or carrier or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:46
S95	14	S94 and chitosan adj (matrix or gel or core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:49
S96	364	S94 and collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:50

S97	257	S96 and (coatings or (multiple adj layers))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:53
S98	25	S96 and (multiple adj layers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:52
S99	377	S94 and (chitosan adj beads or matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/08 17:54
S100	2182	chitosan and (collagen or alginate or alginic).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 18:52
S101	1249	S100 and (plane or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 18:52
S102	672	chitosan and collagen and algin\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 18:53
S103	429	S102 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 18:53
S104	155	(carrier or support) and (cell adj culture) and chitosan and collagen and algin\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 18:54
S105	4560	((435/178,198,134) or (424/422,425,408) or (623/11,15,66) or (128/156) or (264/7,28)).CCLS.	USPAT; USOCR	OR	OFF	2005/11/15 14:54
S106	537	S105 and hydrogel	US-PGPUB; USPAT	OR	ON	2005/11/15 14:55
S107	107	S106 and chitosan	US-PGPUB; USPAT	OR	ON	2005/11/15 14:55
S108	72	S107 and collagen	US-PGPUB; USPAT	OR	ON	2005/11/15 14:59
S109	70	S107 and algin\$3	US-PGPUB; USPAT	OR	ON	2005/11/15 15:00
S110	45	S107 and algin\$3 and collagen	US-PGPUB; USPAT	OR	ON	2005/11/15 14:56
S111	16	S110 and plane	US-PGPUB; USPAT	OR	ON	2005/11/15 14:56
S112	678	(435/395,397,401,402).CCLS.	USPAT; USOCR	OR	OFF	2005/11/15 16:12
S113	39	S112 and chitosan and collagen	USPAT	OR	ON	2005/11/15 16:13
S114	36	S112 and chitosan and (alginic or alginate)	USPAT	OR	ON	2005/11/15 16:13

S115	130	S112 and (alginic or alginate)	USPAT	OR	ON	2005/11/15 16:13
S116	32	S114 and (plane or membrane)	USPAT	OR	ON	2005/11/15 16:13